

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Green County, Kentucky**

**Kentucky State Nature Preserves
Commission
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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| County | Taxonomic Group | Scientific name | Common name | Statuses | Ranks | # of Occurrences | | | | |
|--------|--------------------|---------------------------------------|--------------------------|----------|-------------|------------------|---|---|---|---|
| | | | | | | E | H | F | X | U |
| Green | Vascular Plants | <i>Adiantum capillus-veneris</i> | Southern Maidenhair-fern | T / | G5 / S2 | 2 | 0 | 0 | 0 | 0 |
| Green | Vascular Plants | <i>Aureolaria patula</i> | Spreading False Foxglove | S / | G3 / S3 | 1 | 0 | 0 | 0 | 0 |
| Green | Vascular Plants | <i>Juglans cinerea</i> | White Walnut | S / SOMC | G4 / S3 | 2 | 0 | 0 | 0 | 0 |
| Green | Vascular Plants | <i>Ludwigia hirtella</i> | Hairy Ludwigia | E / | G5 / S1 | 0 | 1 | 0 | 0 | 0 |
| Green | Vascular Plants | <i>Ulmus serotina</i> | September Elm | S / | G4 / S3 | 1 | 0 | 0 | 0 | 0 |
| Green | Freshwater Mussels | <i>Alasmodonta marginata</i> | Elktoe | T / SOMC | G4 / S2 | 3 | 1 | 0 | 0 | 0 |
| Green | Freshwater Mussels | <i>Cyprogenia stegaria</i> | Fanshell | E / LE | G1Q / S1 | 7 | 0 | 1 | 0 | 0 |
| Green | Freshwater Mussels | <i>Epioblasma torulosa rangiana</i> | Northern Riffleshell | E / LE | G2T2 / S1 | 0 | 1 | 0 | 0 | 0 |
| Green | Freshwater Mussels | <i>Epioblasma triquetra</i> | Snuffbox | E / SOMC | G3 / S1 | 2 | 3 | 4 | 0 | 0 |
| Green | Freshwater Mussels | <i>Fusconaia subrotunda</i> | Longsolid | S / | G3 / S3 | 13 | 0 | 0 | 0 | 0 |
| Green | Freshwater Mussels | <i>Lampsilis ovata</i> | Pocketbook | E / | G5 / S1 | 5 | 2 | 0 | 0 | 0 |
| Green | Freshwater Mussels | <i>Pleurobema clava</i> | Clubshell | E / LE | G2 / S1 | 6 | 0 | 1 | 0 | 0 |
| Green | Freshwater Mussels | <i>Pleurobema plenum</i> | Rough Pigtoe | E / LE | G1 / S1 | 1 | 0 | 0 | 0 | 0 |
| Green | Freshwater Mussels | <i>Quadrula cylindrica cylindrica</i> | Rabbitsfoot | T / C | G3G4T3 / S2 | 20 | 0 | 1 | 0 | 0 |
| Green | Freshwater Mussels | <i>Simpsonia ambigua</i> | Salamander Mussel | T / SOMC | G3 / S2S3 | 0 | 1 | 0 | 0 | 0 |
| Green | Freshwater Mussels | <i>Toxolasma lividus</i> | Purple Lilliput | E / SOMC | G2 / S1 | 3 | 0 | 0 | 0 | 0 |
| Green | Freshwater Mussels | <i>Villosa fabalis</i> | Rayed Bean | X / C | G2 / SX | 0 | 0 | 0 | 1 | 0 |
| Green | Freshwater Mussels | <i>Villosa lienosa</i> | Little Spectaclecase | S / | G5 / S3S4 | 2 | 1 | 3 | 0 | 0 |
| Green | Freshwater Mussels | <i>Villosa ortmanni</i> | Kentucky Creekshell | T / SOMC | G2 / S2 | 0 | 0 | 1 | 0 | 0 |
| Green | Crustaceans | <i>Barbicambarus cornutus</i> | Bottlebrush Crayfish | S / | G4 / S2 | 6 | 0 | 0 | 0 | 0 |
| Green | Crustaceans | <i>Orconectes inermis inermis</i> | Ghost Crayfish | S / | G5T4 / S3 | 0 | 3 | 0 | 0 | 0 |
| Green | Insects | <i>Allocapnia cunninghami</i> | A Capniid Stonefly | T / | G1G2 / S1S2 | 0 | 1 | 0 | 0 | 0 |
| Green | Insects | <i>Erora laeta</i> | Early Hairstreak | T / | GU / S1 | 0 | 0 | 0 | 1 | 0 |
| Green | Insects | <i>Ophiogomphus aspersus</i> | Brook Snaketail | H / | G4 / SH | 0 | 1 | 0 | 0 | 0 |
| Green | Insects | <i>Stylurus notatus</i> | Elusive Clubtail | E / SOMC | G3 / S1 | 1 | 2 | 0 | 0 | 0 |
| Green | Fishes | <i>Ammocrypta clara</i> | Western Sand Darter | E / SOMC | G3 / S1 | 0 | 0 | 0 | 1 | 0 |

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|----------------------------|-----------------|---|------------------------|----------|---------------|------------------|-----------|-----------|----------|----------|
| | | | | | | E | H | F | X | U |
| Green | Fishes | <i>Etheostoma maculatum</i> | Spotted Darter | T / SOMC | G2 / S2 | 18 | 0 | 0 | 0 | 0 |
| Green | Fishes | <i>Ichthyomyzon greeleyi</i> | Mountain Brook Lamprey | T / | G3G4 / S2 | 0 | 1 | 0 | 0 | 0 |
| Green | Fishes | <i>Lampetra appendix</i> | American Brook Lamprey | T / | G4 / S2 | 1 | 0 | 0 | 0 | 0 |
| Green | Fishes | <i>Noturus stigmosus</i> | Northern Madtom | S / SOMC | G3 / S2S3 | 0 | 1 | 0 | 0 | 0 |
| Green | Fishes | <i>Percina macrocephala</i> | Longhead Darter | E / SOMC | G3 / S1 | 3 | 5 | 0 | 0 | 0 |
| Green | Fishes | <i>Phenacobius uranops</i> | Stargazing Minnow | S / | G4 / S2S3 | 11 | 5 | 0 | 0 | 0 |
| Green | Amphibians | <i>Cryptobranchus alleganiensis alleganiensis</i> | Eastern Hellbender | S / SOMC | G3G4T3T4 / S3 | 3 | 0 | 0 | 0 | 0 |
| Green | Breeding Birds | <i>Ammodramus henslowii</i> | Henslow's Sparrow | S / SOMC | G4 / S3B | 1 | 0 | 0 | 0 | 0 |
| Green | Breeding Birds | <i>Cistothorus platensis</i> | Sedge Wren | S / | G5 / S3B | 1 | 0 | 0 | 0 | 0 |
| Green | Mammals | <i>Myotis grisescens</i> | Gray Myotis | T / LE | G3 / S2 | 3 | 2 | 0 | 0 | 0 |
| Green | Communities | <i>Bottomland hardwood forest</i> | | / | GNR / S3 | 1 | 0 | 0 | 0 | 0 |
| Green | Communities | <i>Limestone barrens (open woodland)</i> | | / | GNR / S2 | 1 | 0 | 0 | 0 | 0 |
| Green | Communities | <i>Sinkhole/depression pond</i> | | / | GNR / S2 | 1 | 0 | 0 | 0 | 0 |
| Green | Communities | <i>Wet flatwoods</i> | | / | GNR / S3S4 | 1 | 0 | 0 | 0 | 0 |
| Green County Total: | | | | | | 120 | 31 | 11 | 3 | 0 |